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Material Safety Data Sheet  
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1 Product Identification  
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Tradename:  
3M BRAND 1019 STAINLESS STEEL CLEANER AND POLISH  
Product ID:  
CN-1007-4094-9 CN-1006-2977-9 CN-1006-4513-0 XN-1015-6408-8  
XN-1015-5591-2 XN-1015-5592-0  
Intended Use of Product:  
Cleaner;  
Division:  
HOME AND COMMERCIAL CARE DIVISION

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2 Composition/Information on Ingredients  
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Ingredient Name	CAS Number	Percentage
WATER	7732-18-5	60 - 70
MINERAL OIL	8042-47-5	20 - 25
ISOBUTANE	75-28-5	7 - 13
SORBITAN OLEATE (EMULSIFIER)	1338-43-8	1 - 5
ETHANOLAMINE	141-43-5	0.1 - 1.0

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### 3 Hazards Identification

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#### Critical Hazards:

Aerosol container contains flammable gas under pressure.  
See Sections 7 and 11 for further information.

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### 4 First Aid Measures

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#### Instructions for Eye Contact:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

#### Instructions for Skin Contact:

Flush skin with large amounts of water. If irritation persists, get medical attention.

#### Instructions for Inhalation:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

#### Instructions for Ingestion:

No need for first aid is anticipated.

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### 5 Fire Fighting Measures

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Flash point: -82.7 C (ISOBUTANE)

Lower Explosive Limit (%): 1.8 % (ISOBUTANE)

Upper Explosive Limit (%): 8.4 % (ISOBUTANE)

Autoignition temperature: 462 C (ISOBUTANE)

#### Suitable Extinguishing Media:

Water; Carbon Dioxide; Dry chemical; Foam;

#### Exposure Hazards during Fire:

Closed containers exposed to heat from fire may build pressure and explode.

#### Combustion Products from Fire:

Carbon monoxide and carbon dioxide;

#### Fire Fighting Procedures:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

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## 6 Accidental Release Measures

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### Personal Precautions:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call 3M-HELPS line (1-800-364-3577) for more information on handling and managing the spill.

### Spill Response:

Ventilate the area with fresh air. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Collect as much of the spilled material as possible. Clean up residue with water. Place in an approved container and seal.

### Methods for Disposal:

Flush spent solutions and small quantities (less than 5 gal.(19 L)) to a wastewater treatment system. Reduce discharge rate if foaming occurs. Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material. Facility must be capable of handling aerosol cans. Dispose of empty product containers in a sanitary landfill.

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## 7 Handling and Storage

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### Storage Requirements:

Store at temperatures below 120 degrees F (49 degrees C).

### Incompatible Materials:

Heat;

### Ventilation:

No data available.

### Fire Prevention:

Aerosol container contains flammable gas under pressure.

### Use Instructions:

Do not pierce or burn container, even after use.

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## 8 Exposure Controls/Personal Protection

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### Personal Protection

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#### Eye Protection:

Avoid eye contact. The following should be worn alone or in combination, as appropriate, to prevent eye contact: Safety glasses with side shields

#### Hand Protection:

The following glove material(s) are recommended: Rubber;

#### Skin Protection:

Avoid prolonged or repeated skin contact.

Respiratory Protection:

Not required under normal use and handling. Avoid prolonged breathing of spray or mists.

Ingestion (Prevention):

Do not ingest. Keep out of the reach of children.

Recommended Ventilation:

Not applicable.

Ingredient Exposure Data

WATER (7732-18-5)

LD50 (rat, oral) >90 ml/kg  
LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

No data available.

MINERAL OIL (8042-47-5)

Specific Ingredient Data

No data available.

LD50 (rat, oral) No data available.  
LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

CMRG: TWA 5 mg/m3 as mist Category: OIL MIST, MINERAL

CMRG: STEL 10 mg/m3 as mist Category: OIL MIST, MINERAL

ISOBUTANE (75-28-5)

LD50 (rat, oral) No data available.  
LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

ACGIH: TWA 1000 ppm

SORBITAN OLEATE (EMULSIFIER) (1338-43-8)

Specific Ingredient Data

No data available.

LD50 (rat, oral) 39.8 g/kg  
LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

No data available.

ETHANOLAMINE (141-43-5)

LD50 (rat, oral) 1720 mg/kg  
LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

ACGIH: TWA 3 ppm

ACGIH: TWA 7.5 mg/m3

ACGIH: STEL 6 ppm

ACGIH: STEL 15 mg/m3

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## 9 Physical and Chemical Properties

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Physical form,Color,Odour:	Aerosol; Liquid; white cream colour;
Odour Threshold:	No data available.
pH:	10.40
Boiling point/boiling range:	100 C
Melting point/melting range:	Not available
Vapour pressure:	Not available
Water Solubility:	Not determined.
Specific gravity:	0.950 g/cc
Vapour density:	Not available
Volatile organic compounds:	Not available
Evaporation rate:	Not available
Viscosity:	Not available
Percent Volatile:	No data available.

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## 10 Stability and Reactivity

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Conditions to Avoid:  
None known.

Materials to Avoid:  
Heat;

Hazardous Decomposition:  
Carbon monoxide and carbon dioxide;

Stability and Reactivity:  
Stable. Hazardous polymerization will not occur.

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## 11 Toxicological Information

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Effects from Eye Contact:  
Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

Effects from Skin Contact:  
Product is not expected to be irritating to the skin.

Effects from Inhalation:  
No health effects are expected.

Effects from Ingestion:  
Ingestion is not a likely route of exposure to this product. No health effects are expected.

Sensitization Information:  
No data available.

Carcinogenicity:  
No data available.

Mutagenicity:  
No data available.

Reproductive Effects:

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No data available.  
Component Based Information:  
No data available.  
Product Based Information:  
No data available.

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## 12 Ecological Information

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Environmental Data:  
Ecotoxicity Data:  
No data available.  
Ecofate Data:  
Other Effects and Information:  
Not determined. Since regulations vary, consult applicable regulations or authorities before disposal.

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## 13 Disposal Considerations

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Product as Sold:  
No data available.  
Product after Use:  
Do not puncture or burn cans in a household incinerator.  
Product Packaging:  
No data available.  
Special Instructions:  
Since regulations vary, consult applicable regulations or authorities before disposal.

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## 14 Transportation Information

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### Transportation of Dangerous Goods

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TDG Classification: Consumer Commodity

### International Dangerous Goods Classification

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## 15 Regulatory Information

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WHMIS Classification: A, B5  
XN-1015-6408-8 Exempt  
(Consumer Product)

NOTE:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

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## 16 Other Information

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Reason for Reissue:

The following Sections and topics have been updated or revised:  
WHMIS Classification change

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